



SLS

THE FUTURE OF EXPLORATION

**Markeeva Morgan,
SLS Core Stage Avionics Hardware Subsystems Manager**

OUR GOAL

The nation's goal for space exploration is to lead an effort that expands human presence deeper into the solar system through a sustainable human and robotic spaceflight program.



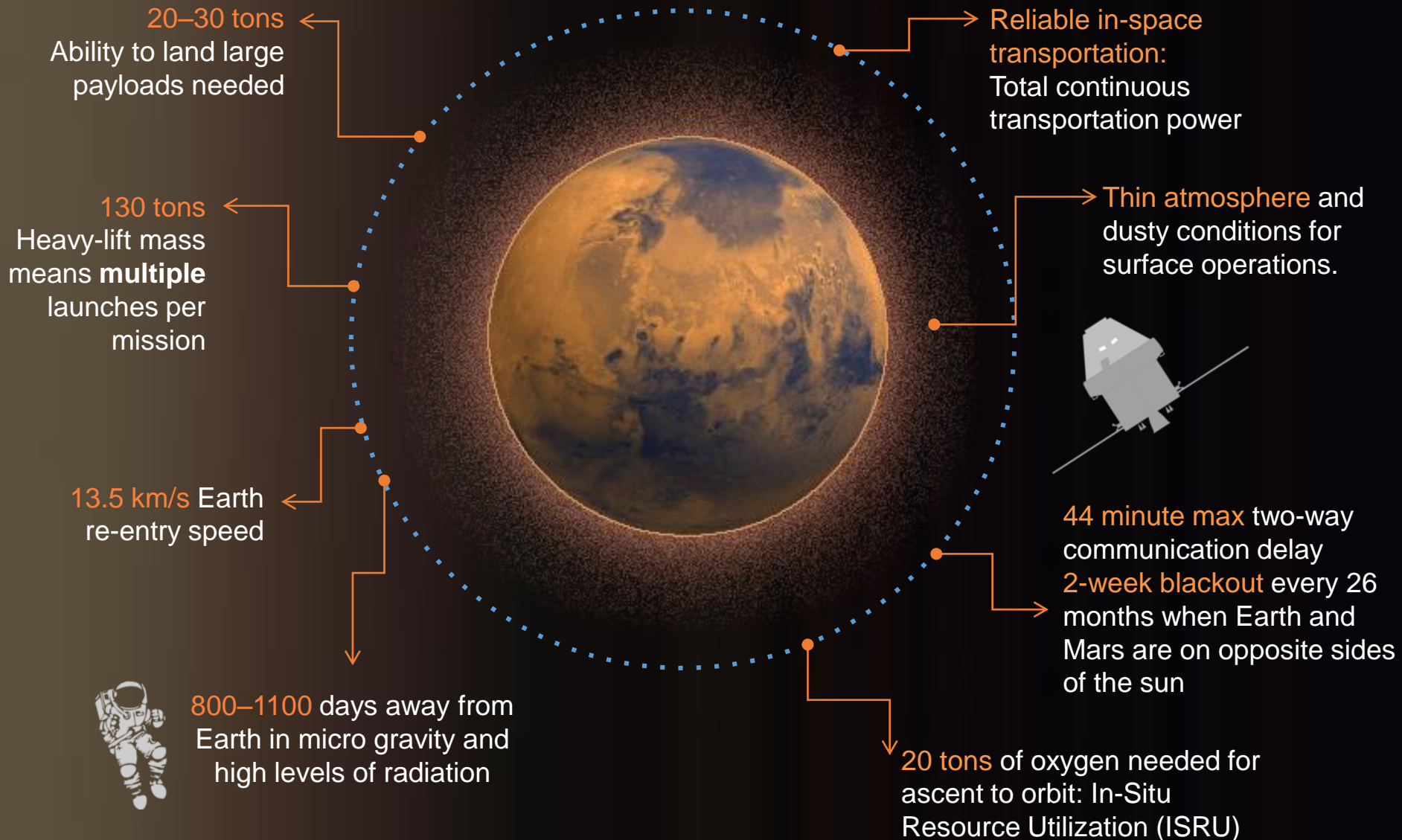
LEADING HUMAN EXPLORATION

INTEGRATING RESEARCH, TECHNOLOGY AND PARTNERSHIPS

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- Maximizing utilization of the International Space Station
 - Actively promoting LEO commercialization
 - Resolving the human health and performance challenges
 - Expanding partnerships with commercial industry
 - Growing international partnerships
 - Building the critical *Deep Space Infrastructure*
 - Enabling the capabilities to explore multiple destinations

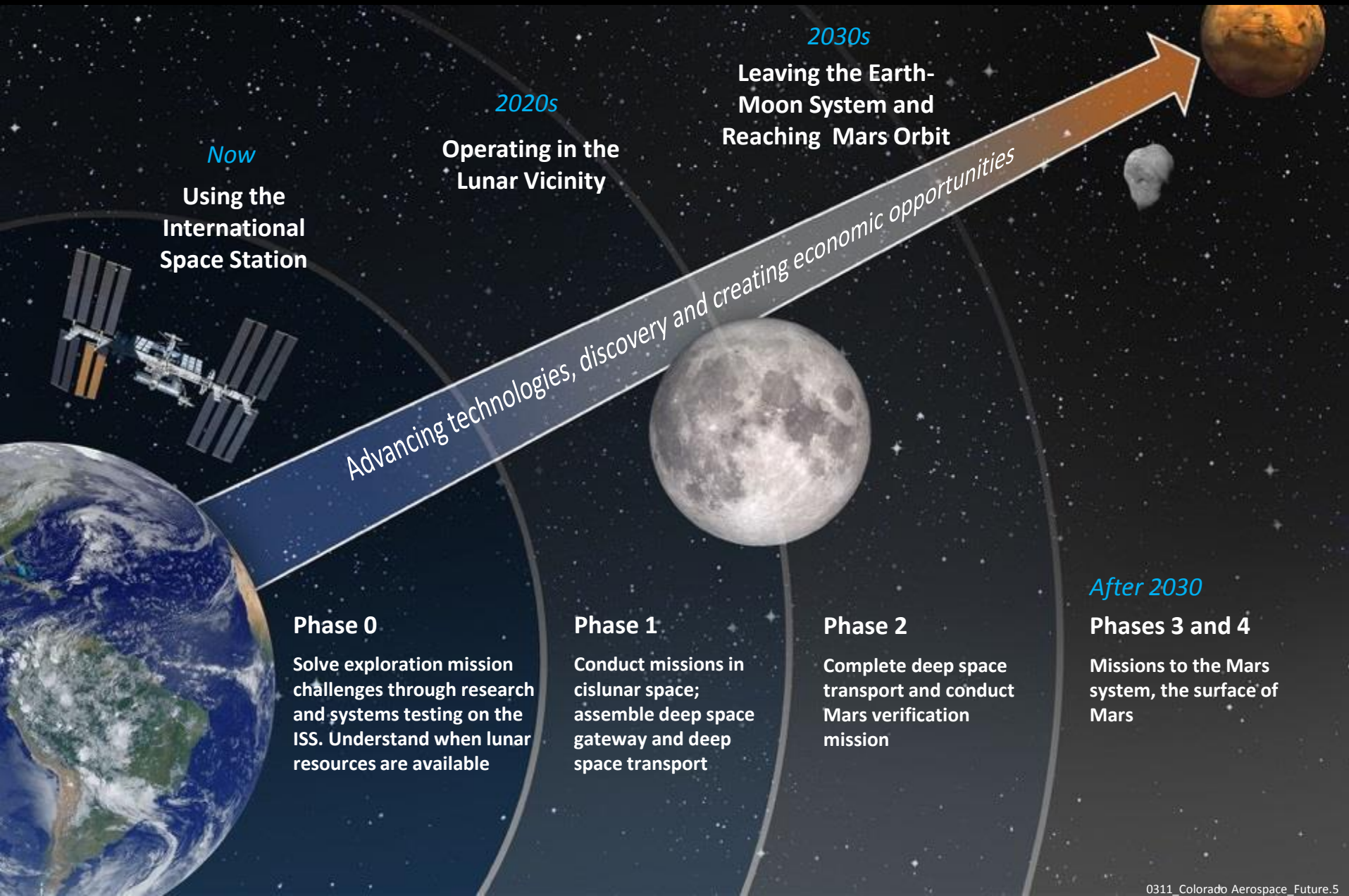
MARS IS HARD

NASA AND ITS PARTNERS MUST SOLVE MANY CHALLENGES



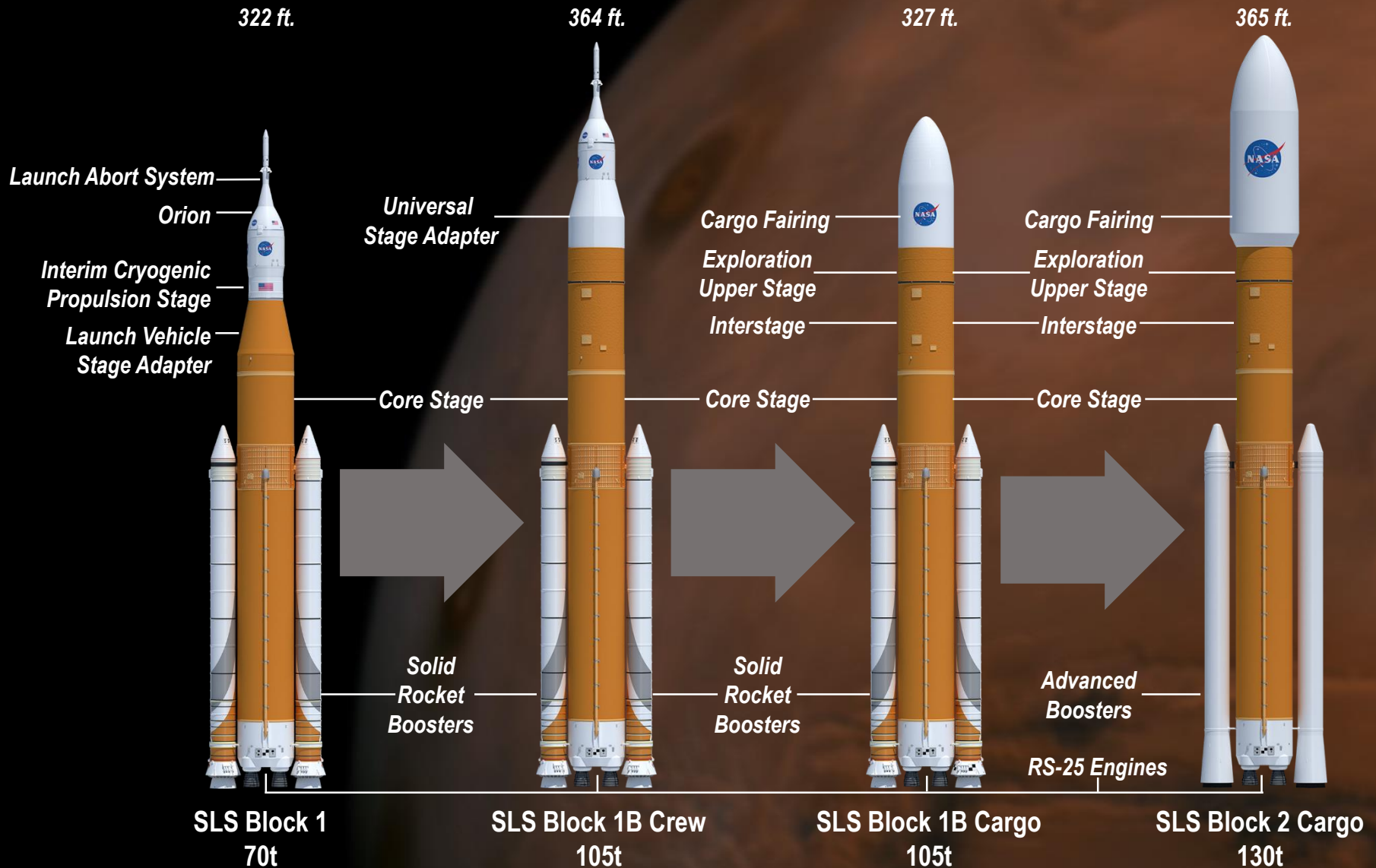
A PHASED APPROACH

SLS PLAYS A KEY ROLE INTO THE 2030s



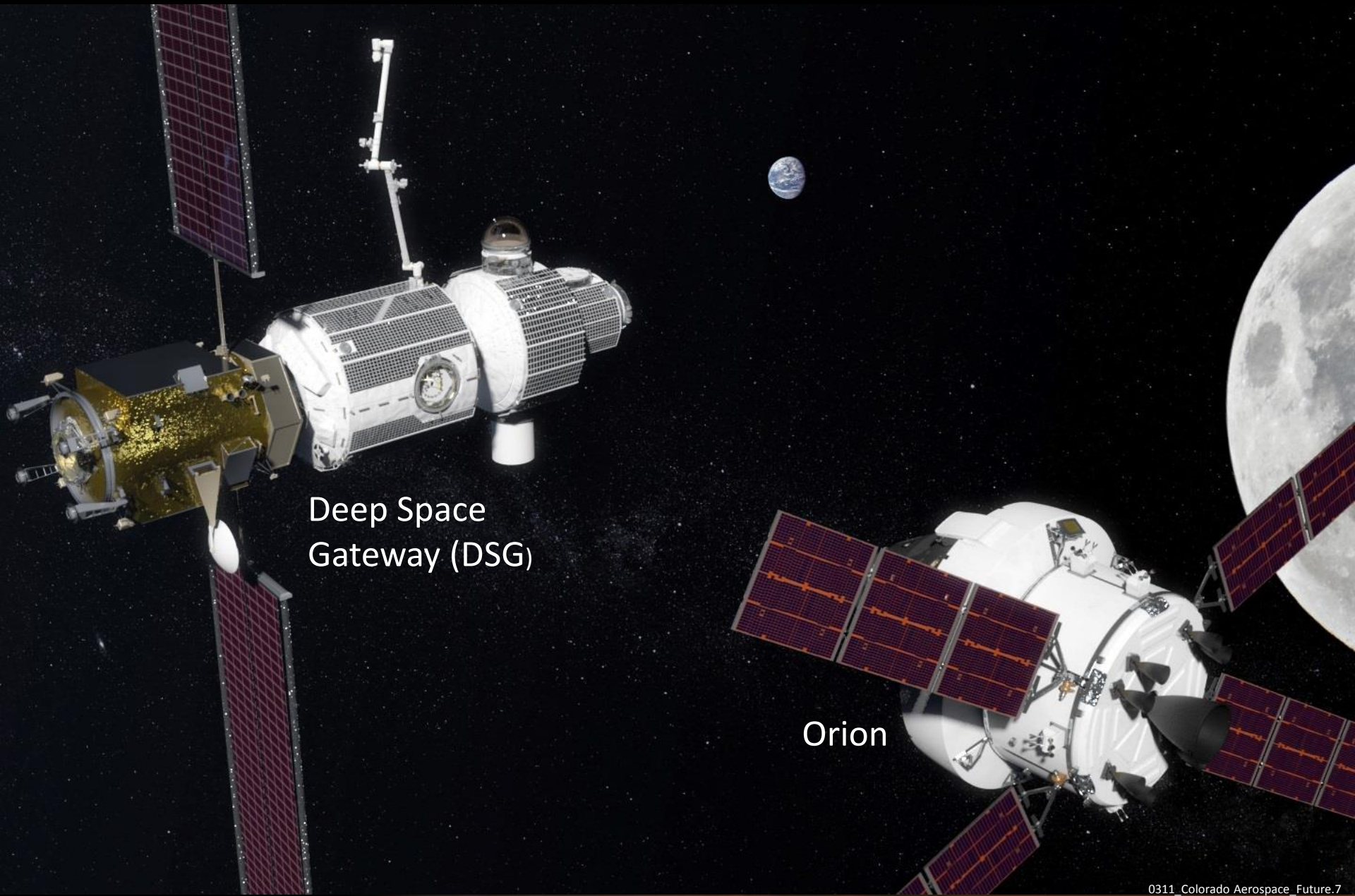
SPACE LAUNCH SYSTEM

AN EVOLUTIONARY PATH TO DEEP SPACE



NASA'S DEEP SPACE GATEWAY

BUILDING A PLATFORM TO EXPLORE



Deep Space
Gateway (DSG)

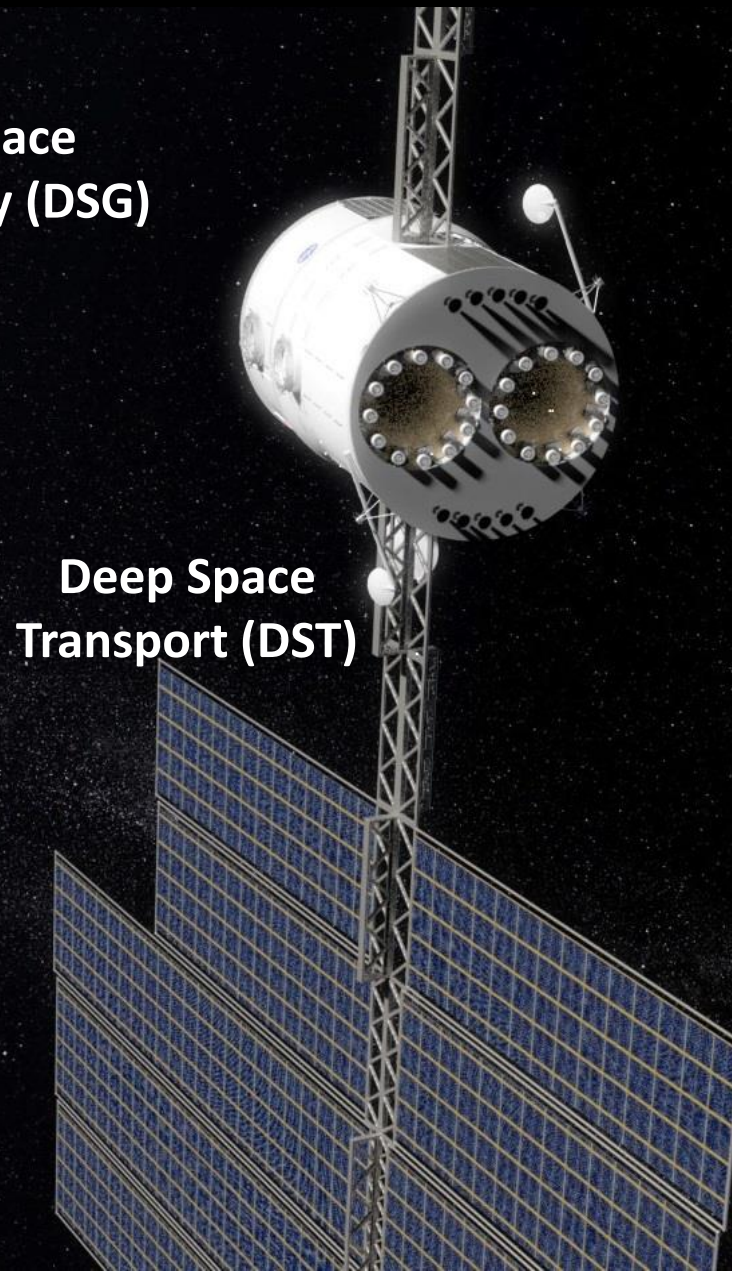
Orion

NASA'S DEEP SPACE TRANSPORT

REUSABLE CAPABILITY FOR INTERPLANETARY VOYAGES



Deep Space
Gateway (DSG)



Deep Space
Transport (DST)



TO EXPLORE STRANGE NEW WORLDS

TELEROBOTIC EXPLORATION OF THE OUTER PLANETS AND THE UNIVERSE

- Rapid transit to the outer solar system
- Ultra-large space telescope
- Larger scientific spacecraft



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QUESTIONS?

